WEST

Freeform Search

Database: US Patents Full-Text Database
US Pre-Grant Publication Full-Text Database
JPO Abstracts Database
EPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Term: (direct$3 adj3 pcr) same stool

Display: 10 **Documents in Display Format:** CIT **Starting with Number** 1

Generate: ○ **Hit List** ◉ **Hit Count** ○ **Side by Side** ○ **Image**

Search | Clear | Help | Logout | Interrupt

Main Menu | Show S Numbers | Edit S Numbers | Preferences | Cases

Search History

DATE: Monday, April 22, 2002 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=USPT; PLUR=YES; OP=OR			
L28	(direct$3 adj3 pcr) same stool	11	L28
L27	(direct$3 adj3 pcr) and stool	78	L27
L26	pcr same stool	97	L26
L25	L23 same stool	2	L25
L24	L23 same blood	44	L24
L23	primer adj extension	3768	L23
L22	l19	0	L22
DB=DWPI; PLUR=YES; OP=OR			
L21	l17 same urine	0	L21
L20	L17 same stool	0	L20
L19	L17 same blood	3	L19
L18	L17 and blood	14	L18
L17	primer adj extension	359	L17
L16	sprimer adj aextension	0	L16
DB=USPT; PLUR=YES; OP=OR			
L15	stool same direct adj2 amplification	0	L15
L14	stool same urine same primer	33	L14
DB=DWPI; PLUR=YES; OP=OR			
L13	L12 same primer	8	L13
L12	stool same urine	167	L12
DB=USPT; PLUR=YES; OP=OR			
L11	(primer adj extension) same stool	2	L11
L10	l8 same (primer adj extension)	1	L10
L9	L8 same primer	39	L9
L8	l6 same l7	285	L8
L7	dna or (nucleic adj acid)	58085	L7
L6	stool	5367	L6
L5	L4	0	L5
DB=DWPI; PLUR=YES; OP=OR			
L4	primer same l3	6	L4
L3	l1 same l2	44	L3
L2	dna or nucleic adj acid	53622	L2
L1	stool	2586	L1

END OF SEARCH HISTORY

WEST

Generate Collection Print

L19: Entry 2 of 3 File: DWPI Jul 22, 1997

DERWENT-ACC-NO: 1997-419398
DERWENT-WEEK: 199739

TITLE: Direct PCR method of amplifying nucleic acid - by use of whole blood as a template

PATENT-ASSIGNEE: TOYOBO KK (TOYM)

PRIORITY-DATA: 1996JP-0001572 (January 9, 1996)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 09187277 A	July 22, 1997		006	C12N015/09

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP09187277A	January 9, 1996	1996JP-0001572	

INT-CL (IPC): C12 N 15/09; C12 Q 1/68

ABSTRACTED-PUB-NO: JP09187277A
BASIC-ABSTRACT:

A direct polymerase chain reaction (PCR) method of amplifying nucleic acid comprises allowing 2 or more primers complementary to target DNA, deoxyribonucleotide phosphate, and thermostable DNA polymerase to act in a buffer on a blood sample (i.e. whole blood collected from humans) containing target DNA originating in leukocytes, then (1) annealing the primers to the target DNA, (b) conducting primer extension reaction by the action of the thermostable DNA polymerase to synthesise double-stranded (ds) DNA, (c) separating the resulting ds DNA into single-stranded DNAs, and (d) repeating the steps (a) to (c) using the resulting DNA amplification product as a template.

USE - The nucleic acid amplification product obtained by the method is used for diagnosis of diseases such as AIDS, hepatitis C, tuberculosis, cholera, etc. or for diagnosis of hereditary diseases.

ADVANTAGE - Blood after collection can be used as a template without treating it, and the detection sensitivity of the method is significantly improved.

ABSTRACTED-PUB-NO: JP09187277A
EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.0/1

DERWENT-CLASS: B04 D16
CPI-CODES: B04-E01; B12-K04A; D05-H09; D05-H18B;